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- ☐ 1. ELECTRIPLAST MOLDABLE CAPSULE AND METHOD OF MANUFACTURE  
**AISENBREY, Thomas**, *PATENT COOPERATION TREATY APPLICATION*, Jun 2006  
 ...moldable **capsule** is useful...to create **thermally** and electrically...conductive fibers, **powders**, or combinations...conductivity in a **molded** form. Metallic...particles are **released** from the...material **release** during the...electrically, **thermally**, mechanically...poor quality **molded** articles...moldable **capsule** that does...effectively time **releases** the conductive...  
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- ☐ 2. ORAL DOSAGE FORMS WITH THERAPEUTICALLY ACTIVE AGENTS IN CONTROLLED RELEASE CORES AND IMMEDIATE RELEASE GELATIN CAPSULE COATS  
**SCHOENHARD, Grant L.**, *PATENT COOPERATION TREATY APPLICATION*, Jul 2004  
 ...**RELEASE** CORES AND IMMEDIATE **RELEASE** GELATIN **CAPSULE** COATS CROSS REFERENCED APPLICATIONS...**release** cores and immediate **release** gelatin **capsule** coats. The agents have different...core, and (ii) an immediate **release** gelatin **capsule** around the controlled **release**...  
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- ☐ 3. DOSAGE FORMS HAVING A MICRORELIEFED SURFACE AND METHODS AND APPARATUS FOR THEIR PRODUCTION  
**BUNICK, Frank J. / CHEN, Jen-chi**, *PATENT COOPERATION TREATY APPLICATION*, May 2006  
 ...soft gelatin **capsules** with an external...with a dry, **powdery** material...adhesion of the **powdery** material...a second **molded** portion which...solidified **thermally** responsive...between the **thermally** responsive...the second **molded** portion is...compressed **powder**. In another...  
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- ☐ 4. BIODEGRADABLE CONTROLLED RELEASE BIOACTIVE AGENT DELIVERY DEVICE

 Dic  
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 Or  
 Al  
 F

**LAWIN, Laurie R. / ANDERSON, Aron B., PATENT COOPERATION TREATY APPLICATION**, Mar 2006

BIODEGRADABLE CONTROLLED **RELEASE** BIOACTIVE AGENT DELIVERY DEVICE  
This...device. For example, antibiotics can be **released** from the device to minimize infection, and antiproliferative drugs can be **released** to inhibit hyperplasia. One benefit...

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☐ 5. [untitled \[PDF-2MB\]](#)

Feb 2006

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☐ 6. [EXTENDED RELEASE COMPOSITIONS OF PROTON PUMP INHIBITORS](#)

**CARTER, John Paul, PATENT COOPERATION TREATY APPLICATION**, Apr 2006


Extended **Release** Compositions of Proton Pump Inhibitors...invention provides safe and effective extended **release** compositions comprising proton pump inhibitors...gastrointestinal disorders with the extended **release** compositions. Background of the Invention...

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☐ 7. [DOSAGE FORMS HAVING A MICRORELIEFED SURFACE AND METHODS AND APPARATUS FOR THEIR PRODUCTION](#)

**BUNICK, Frank J. / CHEN, Jen-chi, PATENT COOPERATION TREATY APPLICATION**, May 2006

...soft gelatin **capsules** with an external...with a dry, **powdery** material...adhesion of the **powdery** material...a second **molded** portion which...solidified **thermally** responsive...between the **thermally** responsive...the second **molded** portion is...compressed **powder**. In another...

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☐ 8. [DOSAGE FORMS HAVING A MICRORELIEFED SURFACE AND METHODS AND APPARATUS FOR THEIR PRODUCTION](#)

**BUNICK, Frank J. / CHEN, Jen-Chi, PATENT COOPERATION TREATY APPLICATION**, May 2006

...soft gelatin **capsules** with an external...with a dry, **powdery** material...adhesion of the **powdery** material...a second **molded** portion which...solidified **thermally** responsive...between the **thermally** responsive...the second **molded** portion is...compressed **powder**. In another...

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☐ 9. [DOSAGE FORMS HAVING A MICRORELIEFED SURFACE AND METHODS AND APPARATUS FOR THEIR PRODUCTION](#)

**BUNICK, Frank J. / CHEN, Jen-chi, PATENT COOPERATION TREATY APPLICATION**, May 2006

...soft gelatin **capsules** with an external...with a dry, **powdery** material...adhesion of the **powdery** material...a second **molded** portion which...solidified **thermally** responsive...between the **thermally** responsive...the second **molded** portion

## ORAL DOSAGE FORMS WITH THERAPEUTICALLY ACTIVE AGENTS IN CONTROLLED RELEASE CORES AND IMMEDIATE RELEASE GELATIN CAPSULE COATS

**Publication number:** WO2004056337

**Publication date:** 2004-07-08

**Inventor:** SCHOENHARD GRANT L (US)

**Applicant:** PAIN THERAPEUTICS (US); SCHOENHARD GRANT L (US)

**Classification:**






**- international:** **A61K9/24; A61K9/48; A61K31/00; A61K9/50; A61K9/24; A61K9/48; A61K31/00; A61K9/50; (IPC1-7): A61K9/00**

**- european:** A61K9/20K4B; A61K9/48A; A61K9/48B; A61K31/00

**Application number:** WO2003US40584 20031218





**Priority number(s):** US20020434839P 20021218

**Also published as:**

 WO2004056337 (A3)  
 EP1572164 (A3)  
 EP1572164 (A2)  
 EP1572164 (A0)  
 CA2510465 (A1)

more >>

**Cited documents:**

 EP0544612  
 US3339546  
 XP002284488  
 JP60120811

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### Abstract of **WO2004056337**

The present invention relates to oral dosage form with active agents in controlled release cores and in immediate release gelatin capsule coats.

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## Refine Search

### Search Results -

Terms	Documents
L8 dissolve	40

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result set

*DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=AND*

<u>L1</u>	"thermally moulded capsule"	1	<u>L1</u>
<u>L2</u>	capsule near5 peelable	10	<u>L2</u>
<u>L3</u>	capsule "peelable operculum"	1	<u>L3</u>
<u>L4</u>	capsule near5 moulded	1453	<u>L4</u>
<u>L5</u>	L4 (thermal or thermally or heat or temperature)	1011	<u>L5</u>
<u>L6</u>	L5 (peelable or peel)	17	<u>L6</u>
<u>L7</u>	L5 powder mucosal	81	<u>L7</u>
<u>L8</u>	L7 immediate	65	<u>L8</u>
<u>L9</u>	L8 dissolve	40	<u>L9</u>

END OF SEARCH HISTORY

## Refine Search

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Terms	Documents
L10 grant pain capsule	11

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#### Set Name Query

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result set

DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=AND

<u>L1</u>	"thermally molded capsule"	1	<u>L1</u>
<u>L2</u>	molded near5 capsule (thermal or thermally or temperature or heat)	1011	<u>L2</u>
<u>L3</u>	L2 active absorption release	263	<u>L3</u>
<u>L4</u>	L3 powder	238	<u>L4</u>
<u>L5</u>	L4 wetting	133	<u>L5</u>
<u>L6</u>	L5 diluent	104	<u>L6</u>
<u>L7</u>	L6 active micron	30	<u>L7</u>

DB=PGPB; PLUR=YES; OP=AND

<u>L8</u>	20050118272.pn.	1	<u>L8</u>
<u>L9</u>	20020434839.pn.	0	<u>L9</u>

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=AND

<u>L10</u>	schoenhard	148	<u>L10</u>
<u>L11</u>	L10 grant pain capsule	11	<u>L11</u>